

FIG. 1

201 ROW #	202 CIRCUIT	203 BEFORE FAILURE		204 CIRCUIT 1 FAILS				200
		CIRCUIT LOADS	LOADS	CONVENTIONAL		LOAD BALANCING		
				CIRCUIT LOADS	LOADS	CIRCUIT LOADS	LOADS	
1	1	1.5	150a(1/2) 150b(1/2) 150c(1/2)	0	150a(0) 150b(0) 150c(0)	0	150a(0) 150b(0) 150c(0)	
2	2	1.5	150a(1/2) 150e(1/2) 150f(1/2)	2	150a(1) 150e(1/2) 150f(1/2)	2	150a(1) 150e(1/2) 150f(1/2)	
3	3	1.5	150d(1/2) 150e(1/2) 150f(1/2)	1.5	150d(1/2) 150e(1/2) 150f(1/2)	2	150d(1) 150e(1/2) 150f(1/2)	
4	4	1.5	150b(1/2) 150c(1/2) 150d(1/2)	2.5	150b(1) 150c(1) 150d(1/2)	2	150b(1) 150c(1) 150d(0)	
		CIRCUIT 2 FAILS						
5	1			CONVENTIONAL		LOAD BALANCING		
		0	150a(0) 150b(0) 150c(0)	0	150a(0) 150b(0) 150c(0)			
		0	150a(0) 150e(0) 150f(0)	0	150a(0) 150e(0) 150f(0)			
7	3	2.5	150d(1/2) 150e(1) 150f(1)	2	150d(0) 150e(1) 150f(1)		150d(0) 150e(1) 150f(1)	
8	4	2.5	150b(1) 150c(1) 150d(1/2)	3	150b(1) 150c(1) 150d(1/2)		150b(1) 150c(1) 150d(1)	

FIG. 2A

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251 ROW #	252 UPS	253 BEFORE FAILURE	254	255 AFTER FAILURE	256	257	258
				CONVENTIONAL		LOAD BALANCING	
		UPS LOADS	LOADS	UPS LOADS	LOADS	EQUIVALENT LOAD	LOADS
1	130a	1.5	PDU 140a (1/2) PDU 140b (1/2) PDU 140c (1/2)	0	PDU 140a (0) PDU 140b (0) PDU 140c (0)	0	PDU 140a (0) PDU 140b (0) PDU 140c (0)
2	130b	1.5	PDU 140a (1/2) PDU 140b (1/2) PDU 140d (1/2)	2.5	PDU 140a (1) PDU 140b (1) PDU 140d (1/2)	2	PDU 140a (1) PDU 140b (1) PDU 140d (0)
3	130c	1.5	PDU 140c (1/2) PDU 140e (1/2) PDU 140f (1/2)	2	PDU 140c (1) PDU 140e (1/2) PDU 140f (1/2)	2	PDU 140c (1) PDU 140e (1/2) PDU 140f (1/2)
4	130d	1.5	PDU 140d (1/2) PDU 140e (1/2) PDU 140f (1/2)	1.5	PDU 140d (1/2) PDU 140e (1/2) PDU 140f (1/2)	2	PDU 140d (1) PDU 140e (1/2) PDU 140f (1/2)

FIG. 2B

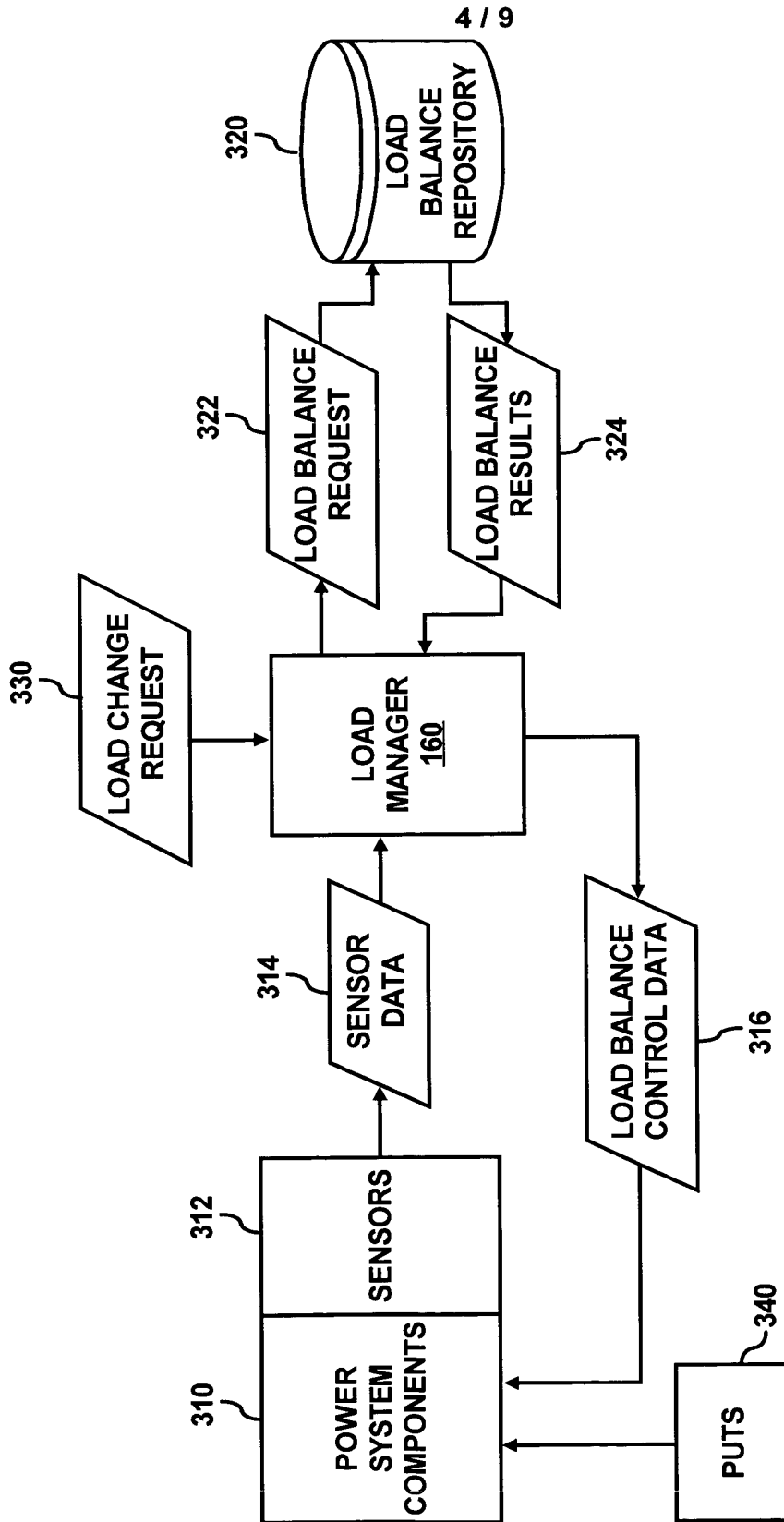


FIG. 3

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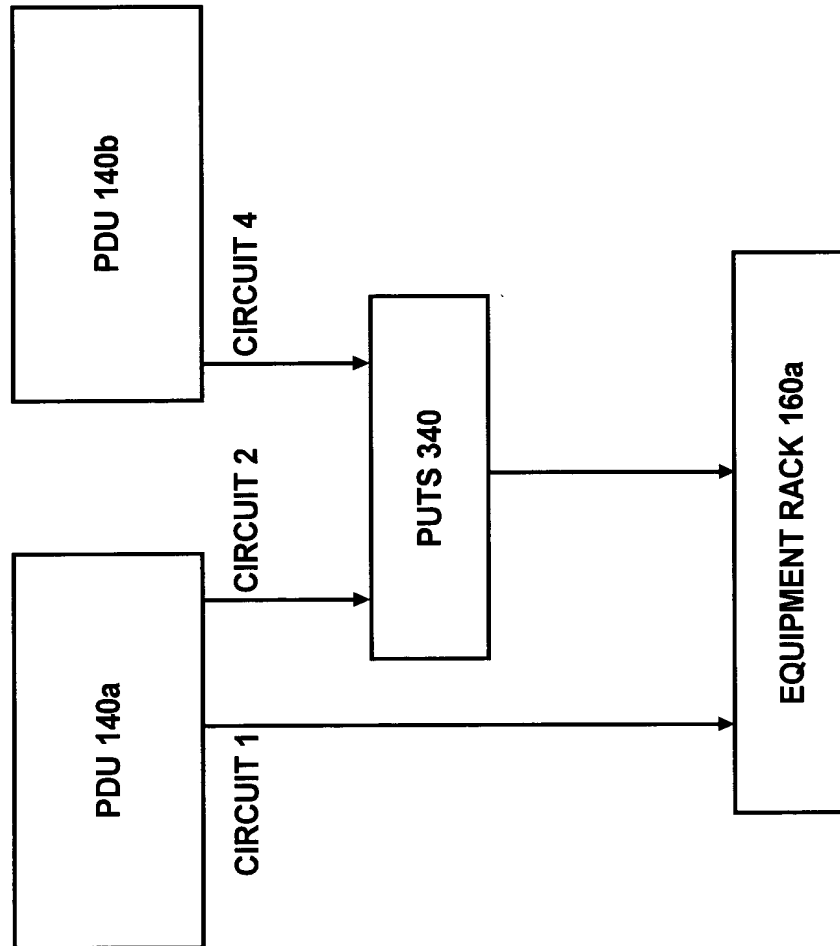


FIG. 4

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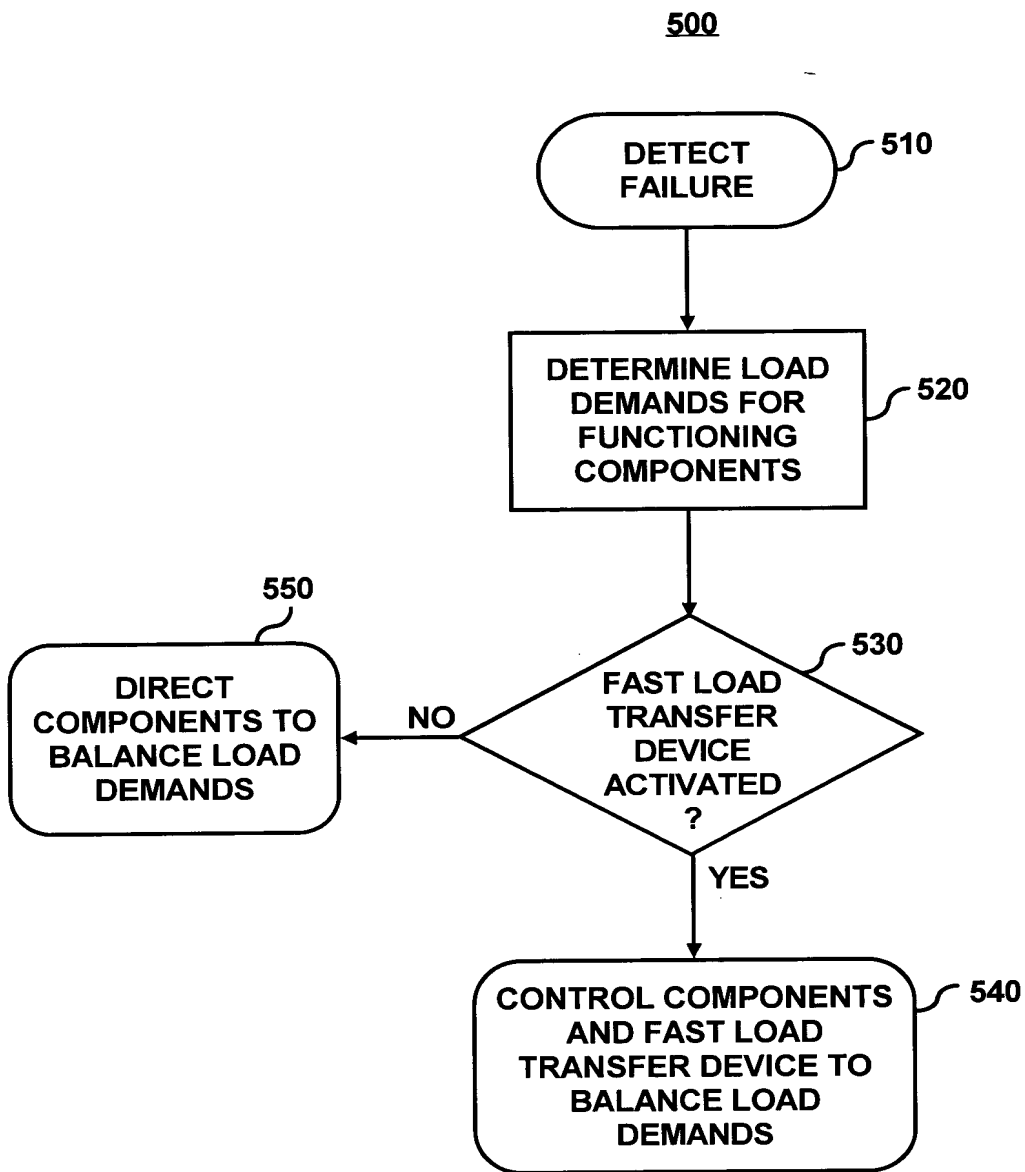


FIG. 5

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600

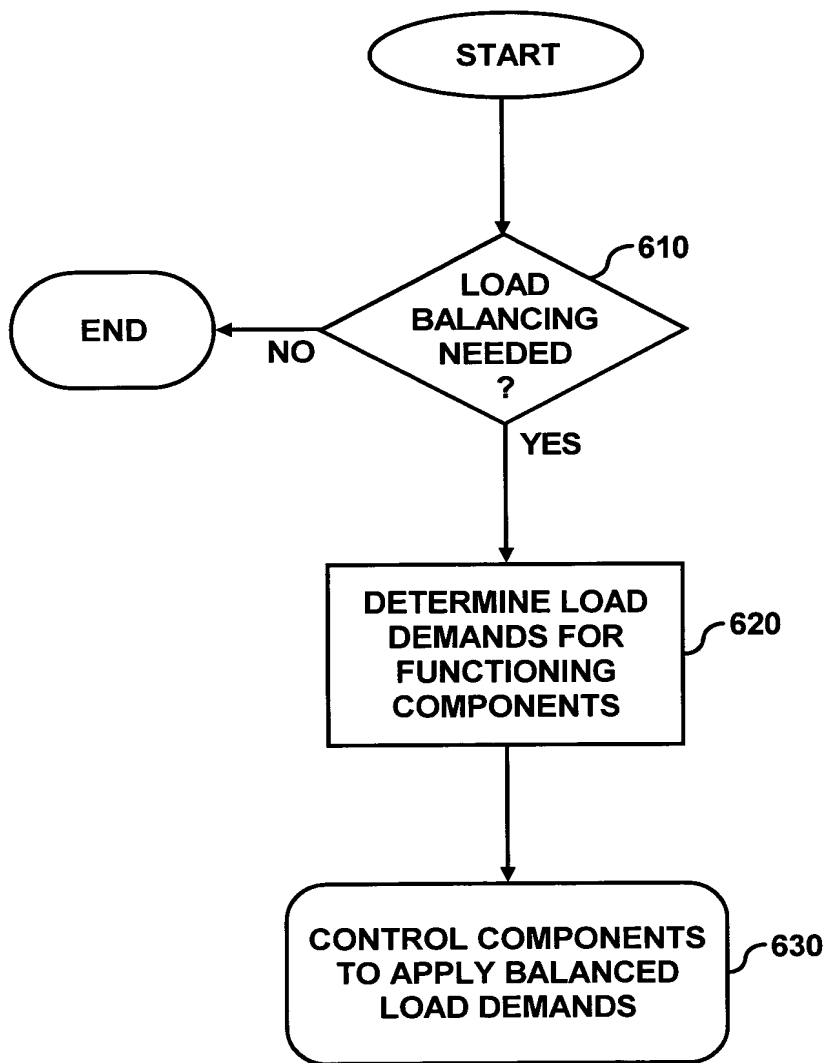
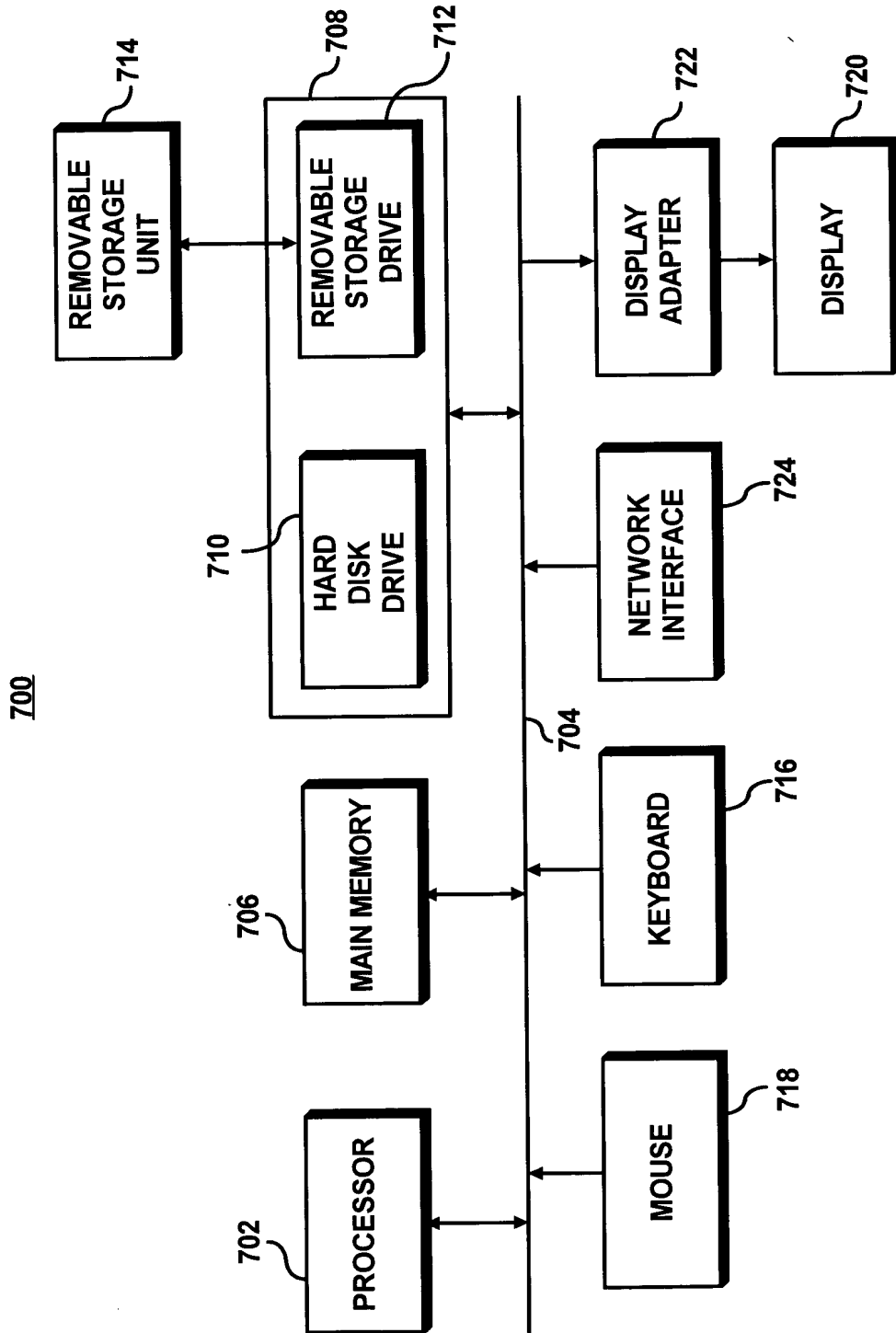


FIG. 6

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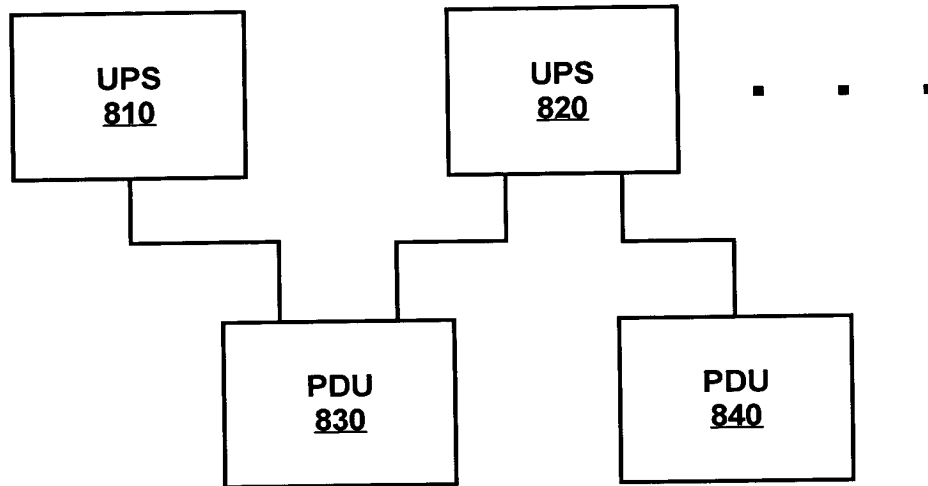


FIG. 8
(PRIOR ART)